

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4471

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Raymond C. Taylor & Raymond G. Taylor

Known As The

Apache Caves

Superstition Mining District,

Maricopa County, Arizona

Section 32, Township 2 N., Range 9 E. (Unsurveyed)

Surveyed under order dated October 29, 1958

by Harvey W. Smith  
Mineral Surveyor.

Claim located November 4, 1956

Survey commenced December 13, 1958

Survey completed December 16, 1958

Address of claimant 711 W. Piedmont  
Phoenix, Arizona

DATES OF AMENDED LOCATIONS

-----  
-----  
-----



SURVEY NO. 4471

1.

Chains.  
Feet

This survey was made with a C. L. Berger & Sons transit No. 15045, with horizontal limb  $6\frac{1}{4}$  ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc. A colored lens was adopted for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in the record were determined by the method of deflection angles referred to the meridian determined by the following observations:

December 16, 1958, at Cor. No. 2 of the Apache Caves lode, in latitude  $33^{\circ} 28' 38''$  N. and longitude  $111^{\circ} 27' W.$ , I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal angle from a reference point about one mile southeastward to the sun.

Local standard time of observation,  
105th meridian time = 2:40 p.m.

Declination of sun, Greenwich apparent  
noon on day of observations =  $23^{\circ} 19' 30'' S.$

Mean observed vertical angle =  $24^{\circ} 18' 15''$

Mean horizontal angle from reference point  
to sun's center =  $88^{\circ} 09'$

True bearing to reference point = S.  $53^{\circ} 08'$  E.

The lines were measured with a Lufkin steel tape, 300 feet in length, graduated every foot for 299 feet, and the remaining foot graduated to tenths and hundredths.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of  $14^{\circ} 15'$  E.

SURVEY NO. 4471

## APACHE CAVES LODGE

At Cor. No. 1 of the Apache Caves lode.

Set a galvanized iron post, 24 ins. long,  $\frac{3}{4}$  ins. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4471 AC 1 X; from which

The cor. for Secs. 5, 6, 31 & 32, Ts. 1 & 2 N., R. 9 E., G&SR B&M, bears S.  $30^{\circ} 33' W.$ , 3217.57 ft. dist.; an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

A mound of stone constructed adjacent to the iron post.

Thence N.  $20^{\circ} 39'$  E.

Chains Feet	Description
1498.77	Cor. No. 2. Set a galvanized iron post, 24 ins. long, 3/4" diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam. set in concrete within the iron post, mkd. MS 4471 AC 2 X.  A mound of stone constructed adjacent to the iron post. No other bearing objects or trees available.  Thence S. 69° 21' E.
5.0	Unimproved road bearing S. 20° W. and N. 20° E.
300.0	Lode line; discovery pt. bears S. 20° 39' W., 700.0 ft. dist.
599.20	Cor. No. 3.  Set a galvanized iron post, 24 ins. long, 3/4 ins. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap 2 ins. diam. set in concrete within the iron post, mkd. MS 4471 AC 3 X.  A mound of stone constructed adjacent to the iron post.  Thence S. 20° 41' 30" W.
1498.80	Cor. No. 4.  Set a galvanized iron post, 24 ins. long, 3/4 ins. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam. set in concrete within the iron post, mkd. MS 4471 AC 4 X.  A mound of stone constructed adjacent to the iron post. No other bearing objects or trees available.  Thence N. 69° 21' W.
298.21	Lode line; discovery monument bears N. 20° 39' E., 798.77 ft. dist.
598.21	Cor. No. 1 and place of beginning.

Survey 4471

AREAS

	Acres
Total area, Apache Caves lode	20.600

LOCATION

This survey is located in the NE 1/4, Sec. 32, T. 2 N., R. 9 E. (unsurveyed) G&SR B&M.

The survey of the Apache Caves lode is wholly within the location as marked on the ground. The present established corners are identical with the corners of the location.

EXPENDITURES

The improvements and value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:

SURVEY NO. 4471

3.

Chains-  
Feet

- |       |   |
|-------|---|
| No. 1 | The discovery shaft is on the lode line 700 ft. from a pt. on line 2-3, 300.0 ft. from Cor. No. 2; an untimbered shaft 6 x 8 ft., 10 ft. deep.<br>Value, \$300. |
| No. 2 | A pit, the SW corner of which bears N. 25° 20' E., 460 ft. dist. from Cor. No. 1; 5 x 6 ft., 5 ft. deep.<br>Value, \$100.                                       |
| No. 3 | A pit, the west end of which bears N. 34° E., 450 ft. dist. fr. Cor. No. 1; 6 x 15 ft., 8 ft. deep.<br>Value, \$150.  |

## SUPPLEMENTAL DATA

None

## FIELD ASSISTANTS

Name	Capacity
Russell Hart	Chairman
Richard Cleveland	Axeman

STRIKES NO. 1171

Chains	Cable Feet
<p>The discovery shaft is on the ledge line 700 ft. from Line 2-3, 300.0 ft. from Cor. No. 2; an unnumbered shaft 10 ft. deep. Value, \$300.</p>	No. 1
<p>A pit, the SW corner of which bears N. 25° 30' E., 100 ft. dist. from Cor. No. 2; 5 x 6 ft., 5 ft. deep. Value, \$100.</p>	No. 2
<p>A pit, the west end of which bears N. 34° E., 120 ft. dist. fr. Cor. No. 1; 6 x 15 ft., 6 ft. deep. Value, \$150.</p>	No. 3
SUPPLEMENTAL DATA	
None	
FIELD ASSISTANTS	
<p>Richard Cleveland Russell Hart Alexander</p>	<p>Name Russell Hart Richard Cleveland</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

January 6, 19 59

I, Harvey W. Smith,

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the United States Department of the Interior  
Bureau of Land Management, at Phoenix, Arizona

dated October 29, 1958, I have faithfully and correctly executed the survey of

the mining claim of Raymond C. Taylor and Raymond G. Taylor,

known as the Apache Caves  
(Lode, placer, or mill site)

situate in Superstition mining district, Maricopa County, in an unsurveyed,  
part of Tonto National Forest. (Location is approximately 111° 27' W. Long., 33° 28' N Lat.  
T. 2 N., R. 9 E., approx. NE $\frac{1}{4}$  Sec. 32, G&SR Meridian, Arizona, and  
(State)

designated as Survey No. 4471, which is represented in the foregoing field notes as having been  
executed by me and under my direction, and that said survey has been made in strict conformity with said order,  
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the lode  
(Lode or placer) location(s) embraced in the said mining claim by

claimant(s) or their grantors are fully stated in my report therein, and that the character,  
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no  
portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate  
of expenditures upon any other claim.

Phoenix, Arizona  
(Place)

Harvey W. Smith  
Harvey W. Smith  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office  
(Office)

Phoenix, Arizona May 11, 1959  
(Place) (Date)

The foregoing field notes of mineral survey No. 4471, in Approx. NE $\frac{1}{4}$  Sec. 32

Arizona, T. 2 N., R. 9 E. (unsurveyed) Gila & Salt River Meridian,

Arizona, executed by Harvey W. Smith, Mineral Surveyor,  
(State)

under order dated October 29, 1958, having been critically examined and the necessary  
corrections made prior to their certification by the surveyor, the field notes and the survey therein described  
are hereby approved.

Lester S. Mann  
Lester S. Mann

Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_  
is a true copy of the original field notes.

\_\_\_\_\_  
(Title)



UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)  
BUREAU OF LAND MANAGEMENT M.S. 4471  
ARIZONA STATE OFFICE

---

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Apache Caves lode, Mineral Survey No. 4471, located in section 32, Township 2 North, Range 9 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

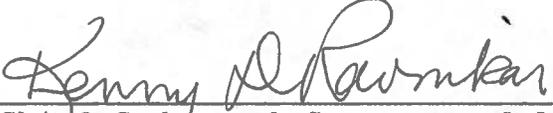
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Apache Caves lode, M.S. 4471 was canceled April 13, 1999, by memo 9605 (952) M.S. 4471, which is now a part of the original field notes."

April 13, 1999  
Date

  
\_\_\_\_\_  
Chief Cadastral Surveyor of Arizona

